

CONEA, Ana

Contributions to the geomorphological study of the low plain of the  
Siret River. Probleme geog 7:145-157 '60. (EEAI 10:3)  
(Rumania--Geomorphology)

FLOREA, N.; CONEA, Ana

Chestnut colored (maroon) soil of xerothermic forests  
and that covered with deciduous shrubs, a new soil for  
Rumania. Dari seama sed 48:245-260 '60/61 [publ. '62]

GONEA, Ana; VOLOVICI, C.; MUCENIC, Iulia; NITU, I.; ERATOSIN, Niculina;  
EJGEAC, Elena; IACOB, Eugenia; VASILESCU, Marcela; BALABAN, Lidia;  
COLIOS, Elena; PETRESCU, Adriana; POPESCU, Florica; SAFTA, Rodica;  
MAC, Hareta.

The Cradea plain and hilly soils. Dari seama sed 48:277-288  
60/61 [publ. '62]

MIHAILESCU, V.; CONEA, Ion

Need of revising and systematizing the Rumanian geographical terminology. Probleme geog 9:21-26 '62. (publ. '63)

CONEA, Ion

An old problem, still unsolved; the origin of the Muntenia. Probleme  
geog 7:27-51 '60. (EEAI 10:3)

(Walachia--History)

(Rumania--Names, Geographical)

CONEA, Ion (Bucuresti)

For right spelling of the Rumanian geographical names. Natura  
Geografie 15 no.5:82-86 S-O '63.

CONEA, Ion (Bucuresti)

. Toponymia etymologies. Natura Geografie 17 no.1:46-49 Ja-F '65.

LEMNI, Teodor, ing.; CONEA, Sabin, ing.; SUPURAN, Mircea, ing.

Mechanized caravans for loading bulk and seasonal goods. Rev caller  
fer 13 no.1:14-18 Ja '65.



GOIA, Ioan, ing.; CONEA, Sabin, ing.

Mechanizing the shifting of goods from narrow-gauge railroad cars to standard-gauge railroad cars and in reverse. Rev  
callo: fer 13 no.3:146-148 Mr 65.

CONES, C.

A new instrument produced in Rumania.

P. 2, (Constructorul. Vol. 9, no. 392, July 1957, Bucuresti, Rumania)

Monthly Index of East European Accessions (EMAI) LC.Vol. 7, no. 2,  
February 1958

CONEVA-MANEVA, M.T., assoc. prof.; DAMIANOVA C.A.

Trisomia in the group 6-12 chromosomes in a mentally deficient child, Nauch. tr. vissh. med. Inst. Sofia 43 no.6:15-18 '64

1. Chair of General Biology at the Higher Medical Institut, Varna (for Coneva-Maneva, M.T.) 2. Chair of Pediatrics at the Higher Medical Institute, Sofi. (Director: Prof. L. Racev) (for Damianova).

GONEVA-MANEVA, M.; MISHEV, P.; CHERVENKOV, P.; ZANZOV, I.

Stimulation of the granulation process under the influence of the preparation phaseolosaksin (Clinical observations). Folia med. (Plovdiv) 7 no.1:19-27 '65

1. Higher Medical Institute in Varna, Bulgaria, Chair of General Biology (Chief: assistant Prof. M. Coneva-Maneva);  
Chair of Clinical Surgery (Chief: assistant Prof. P. Mishev)  
and Higher Medical Institute "J.P.Pavlov" in Plovdiv, Bulgaria,  
Chair of Faculty Surgery and Urology (Chief: Prof. J. Dobrev).

CONFORTY, Boris

BOYCHEV, Boycho

TCHOKANOV, K.

Orthopedic Operations in Traumatology 1958, 2d Edition (B.I.)

EXCERPTA MEDICA Sec 9 Vol. 9/10 Surgery Oct 55

CONFORTY, B.

5606. CONFORTY B. \* Arthrodeses and resections of the elbow joint for tuberculous osteoarthritis KHIRURGIJA (Sofia) 1954, 7/6 (328-341) illus. 18 (Bulgarian text)

After a brief review of the pathology of this affection, the 4 most frequently used techniques to fuse the elbow joint are described. These are: the posterior humero-olecranic (Vacchelli-Putti), the posterior humero-ulnar (Campbell), the medial humero-ulnar (Witte) and the anterior humero-radial (Pasquali). A comparative description of the classical resection of the joint and of the extracapsular technique proposed by the author, with reasons for recommendation of the latter follows. A mathematical evaluation of the stress to which the grafts are submitted in the different fusing techniques shows that the anterior humero-radial type is the most favourable of all. In grading the different surgical procedures, the author expresses his preference for the extracapsular resection, determining it as the method of choice in the treatment of tuberculous osteoarthritis of the elbow, seconded by the anterior humero-radial arthrodesis.

Author

ENCERPTA MEDICA Sec.9 Vol.11/10 Surgery Oct 57

(for Myasthenia, see also Mediastinum)

5011. (1020) CONFORTY B. and PANEVA-CHOLEVITCH E. \*Contribution to the plastic reconstruction of the internal collateral ligament of the elbow joint (Bulgarian text) KHIRURGYA (Sofia) 1956, 9/7-8 (606-611) Illus. 7

The authors propose the following technique in the surgical reconstruction of the medial collateral ligament of the elbow joint: a strip of fascia lata is taken and is passed through 3 tunnels - one transversal through the medial aspect of the ulnar condyle of the humerus and the other 2 slightly oblique - one in the antero-medial and the other in the postero-medial part of the proximal end of the ulna. The new ligament has the form of an inverted V. The 2 ends of the fascial strip are pulled and sutured under moderate tension to those parts of the strip which are situated just above the entrances into the ulnar tunnels. This procedure was applied on one patient with a very satisfactory result.

EXCERPTA MEDICA Sec 9 Vol 13/2 Surgery Feb 59

822. (270) DESCENDING ANTERIOR BONE-BLOCK OF THE ANKLE JOINT AND ITS BIOMECHANICAL QUALITIES AND ADVANTAGES (Bulgarian text) - Conforty B. - KHIRURGIJA (Sofia) 1957, 10/5 (405-417) Illus. 11

The author's technique differs from all the other procedures in that the sliding graft is exposed only to longitudinal forces and not to bending forces, thus minimizing the risk of fracture of the graft. The graft has a length of 10 to 12 cm. and its distal end is shaped in the form of a 'Z', so that when it is apposed against the tarsal bones the longer tooth of the step-like end of the graft will impinge against the lateral surface of the calcaneus and the cuboid bone, while the shorter step will impinge against the neck of the talus. A meticulous mathematical analysis and calculation of the biochemical forces set up in the various techniques shows irrefutably that the author's method excels by far all the other procedures.

Boychev - Sofia



EXCERPTA MEDICA Sec 9 Vol 13/7 Surgery July 59

3554. (995) A NEW SURGICAL PROCEDURE IN HIGH SUBTROCHANTERIC  
OSTEOTOMY OF THE FEMUR (Bulgarian text) - Conforty B. and  
Ivanov R. - KHIRURGIYA (Sofia) 1958, 11/7 (585-595) IIIus. 14  
The technical difficulties of this osteotomy as proposed by MacMurray and modified by a number of authors who have suggested different ways of fixation are pointed out. The greatest difficulty lies in the fact that in abduction of the extremity the trochanteric fragment is displaced upwards. If not fixed, the peripheral (shaft) fragment, which has to be displaced inwards during the operation tends to go back to its first and normal position, the basic point of the operation being thus lost. To overcome these difficulties, the authors suggest a procedure wherein, by calculations and drawings, the exact angle at which the head is to be rotated in order to let it assume a valgus position is determined prior to operation. Watson-Jones' open approach is utilized. The joint is opened, the fibrous tissue of the pseudarthrosis is excised and the fragments are freshened. An oblique osteotomy of the femur and a wedge osteotomy of the trochanteric fragment so that a bone tooth from the lateral cortex should be left protruding distalwards are performed after careful determination of the required angles and planes of section. The bone material from the wedge is utilized to fill the gap between the trochanteric and capital fragments. The distal fragment is displaced inwards until it fits snugly below the head and trochanteric fragments, so that its upper surface should press on the lower surface of the trochanteric fragments, its inner end should support the head from below and its outer surface should engage with the cortical tooth of the trochanteric fragment. The fragments are transfixed with one or 2 screws. Five operations on 4 patients are reported (in one case the operation was performed on both sides). The results are uniformly good.

EXCERPTA MEDICA Sec 9 Vol 13/10 Surgery Oct. 59

5560. (1282) BIOMECHANICAL CONSIDERATIONS IN OSTEOTOMIES OF  
THE LONG BONES - Conforty B. - KHIRURGIYA (Sofia) 1958, 11/11  
(973-983) Tables 2 Illus. 11

After a brief review of the different types of osteotomies, the author presents the ways of mathematically calculating the requirements of osteotomies of the lower extremities, the purpose of which is to equalize the length of the extremities through abduction and tilting of the pelvis thereby. In abduction osteotomies of the upper end of the femur, the absolute length of the latter is increased. Formulas which make possible the exact calculation of this absolute lengthening are given. At the end, the author formulates 4 principles, which should guide the surgeon when performing high osteotomies of the femur, aiming at a relative lengthening of the extremity.

CONIC, Zivojin, Dr.; TOMIC, Bratislav, Dr.

Late stages of poliomyelitis and their physical therapy. Med. glasn.  
13 no.2:64-68 Feb 59.

1. Institut za fizikalnu medicinu i rehabilitaciju Medicinskog fakulteta  
u Beogradu (Upravnik: prof. dr A. Ratovic).

(POLIOMYELITIS, ther.

physical ther. (Ser))

(PHYSICAL THERAPY, in var. dis.

polio (Ser))

ROTOVIC, A., prof., dr.; MILICEVIC, Lj., dr.; CONIC, Z., dr.

New possibilities of mud therapy. Med. glas. 14 no.11:532-533  
N '60.

1. Institut za fizikalnu medicinu i rehabilitaciju Medicinskog  
fakulteta u Beogradu (Upravnik: prof. dr A. Rotovic).

(MUD THERAPY)

FINKELSTAJN, Ljudmila; CONIC, Zivojin-

Electromyography and its use. Srpski arh. celok. lek. 88 no.12:  
1241-1247 D '60.

1. Institut za fizikalnu medicinu i rehabilitaciju Medicinskog  
fakulteta Univerziteta u Beogradu. Upravnik: prof. dr Aleksandar  
Rotovic.

(ELECTROMYOGRAPHY)

CONIC, Zivojin, dr.; MILICEVIC, Ljubisa, dr.

Use of rest in rehabilitation. Med. glasnik. 15 no.1:34-35 Ja '61.

1. Institut za fizikalnu medicinu i rehabilitaciju Medicinskog fakulteta u Beogradu (Upravnik: prof. dr A. Rotovic).

(REST)

ROTOVIC, Aleksandar, dr., prof.; CONIC, Zivojin

A possibility of electrophoresis of drugs by dia-dynamic currents.  
Srpski arh. celok. lek. 89 no.7/8:835-837 J1-Ag '61.

1. Institut za fizikalnu medicinu i rehabilitaciju Medicinskog  
fakulteta Univerziteta u Beogradu. Upravnik: prof. dr. Aleksandar  
Rotovic.

(ELECTROPHORESIS)

ZAMFIR, C., dr.; medic emerit; CIOBA, Gh., dr.; EFANOV, A., dr.; ANDRONIC, C., dr.;  
MACARIE, O., farm.; CONICESCU, O., farm.

On some clinico-biological aspects of atherosclerosis in persons  
under 40 years of age. Med. intern. 16 no.3:291-299 Mr'64

1. Lucrare efectuata in Sectia I de boli interne si in Labora-  
torul de chimie biologica din Spitalul militar central,  
Bucuresti.



RUMANIA

IACOMI, D., Pharmacist, Col, MACARIE, O., Pharmacist, Lt-Col,  
~~CONIGESCU, O.~~ Pharmacist, Lt-Col, ILIESCU, E., Pharmacist,  
Lt-Col, IONESCU, M., Pharmacist, Col, and BRUJA, N., Pharmacist,  
Lt-Col [affiliation not given]

"Rapid and Simplified Methods Used in Biochemistry. Preparation  
of Paper Strip Tests for the Deceleration of Urinary Glucose."

Bucharest, Revista Sanitara Militara, Vol 62, No 4, Jul-Aug 66,  
pp 727-734.

Abstract: The authors describe the method of preparing and  
preserving paper strip kits for urinary glucose tests. The  
strips are impregnated with glucoso-oxidase or peroxidase and  
ortho-toluidine. The simplicity and rapidity of using such  
strips and their specificity and relatively good sensitivity  
are emphasized.

Includes 5 references, of which one German, 2 French and  
2 English-language. -- Manuscript submitted 25 January 1966.

1/1

RUMANIA / Chemical Technology, Chemical Products and Their      H-17  
Application, Pharmaceuticals. Vitamins. Antibiotics.

Abs Jour : Ref Zhur " Khimiya, No 5, 1959, No. 16534

Author : Puscaru, I.; Coniver, L.; Varcovici, H.

Inst : Not given

Title : New Issues of Pharmacopoeia

Orig Pub : Farmacia (Romin), 1957, 5, No 1, 76-84

Abstract : Peculiarities of the Japanese pharmacopoeia (VI issue, 1951), addition to the Soviet pharmacopoeia (1952 issue), the British (VIII issue, 1953), the Czechoslovakian (II issue, 1954), the Hungarian (V issue, 1954), the Romanian pharmacopoeia (VII issue, 1956), and also the USA (XV issue, 1955) are analyzed. -- E. Natkhan

Card 1/1

*CONIVER, S.*

RUMANIA/Chemical Technology - Chemical Products and Their  
Application, Part 1. - Safety and Sanitation  
Techniques.

H-6

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 47251

Author : S. Coniver

Inst : -

Title : Intoxication with Some Harmful Industrial Substances.  
III.

Orig Pub : Rev. chim., 1955, 6, No 11, 613-615

CONK, Josef, dr.

Supersonic aircraft and passenger transport. Letecký obzor 8 no.2:54-  
55 F '64.

CONK, Josef, dr.

Mathematical machines and their use in aeronautics. Letecky  
obzor 8 no. 4:109-110 Ap '64.

CONK, Josef, dr.

Automatic seat reservation in aircraft. Letecký obzor 8 no. 6:  
170-171 Ja '64.

Z/040/63/000/001/001/007  
E073/E492

AUTHORS: Conk, Vladimír, Engineer Architect  
Hubáček, Karel, Engineer Architect

TITLE: New workshop hangar at the airport Praha-Ruzyně

PERIODICAL: Letecký obzor, no.1, 1963, 4-6

TEXT: In this article detailed information concerning a new workshop hangar is given. This hangar contains a general hall with workshops for inspection and general repairs, stores, administrative offices and social services. It is directly adjacent to the manipulation area and all the electricity supplies and "engineering network". The new workshop hangar was necessitated by the increased use of the IL-18 aircraft and other aircraft under development which are too large to use the existing hangars, which also are not adequately equipped for inspection of the new types of aircraft. This is in line with developments abroad. The individual bays of the new workshop hangar serve as inspection stands for small and medium aircraft of the CSA and for general overhauls of certain types of aircraft; the workshops serve for inspection and repair of parts of aircraft and aircraft equipment; the stores serve for storing airframe parts, radio and

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New workshop hangar ...

Z/040/63/000/001/001/007  
E073/E492

electrical instruments, spares, raw materials, tyres etc. The remaining floor space serves for offices, canteens and other auxiliary services. The designs were based on requirements anticipated for 1965 as regards types and number of aircraft, number of flying hours per annum per aircraft, types of inspection and number of hours until the next inspection, number of shifts required for the inspections and number of workers engaged simultaneously on a single inspection job. Work in two-shifts is scheduled for inspections A-E and of 1.5-shifts for inspections F-G; two full shifts will be worked in the workshops whilst on the aircraft itself work will be on a single shift only. The number of working days is assumed at 300 per annum with eight hours per day. The amount of nonuniformity in the idle (inspection, maintenance) times varies from 1.34 to peak values of 2.28. Therefore, in the proposal a nonuniformity of two was adopted for inspections (revisions) A-E and one for inspections F-G, since the cycle of these inspections is 4 to 6 weeks and the auxiliary times cannot influence the number of nonoperational times. For the individual types of aircraft, the following idle times were

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New workshop hangar ...

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E073/E492

arrived at:

	Nonuniformity coefficient	IL-18 and YU-104 air- craft	Medium aircraft (IL-14)	Small aircraft (L-200, L-60 and piston aircraft)
Inspection F and G	1	0.682	0.812	4.388
Inspection A to F	2	4.226	2.514	0.532

To determine the total idle time, medium aircraft are "converted" to large reference aircraft at a ratio of 1.5:1, giving idle time for Inspection F and G, for large and medium aircraft, 1.223 and for Inspection A-E, for large and medium aircraft, 5.902. Noisy and dangerous workshops were placed at the extreme end of Card 3/5

New workshop hangar ...

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EO73/E492

the building; there were sufficient access roads to the individual parts of the workshops in the hangar and to enable direct connection between the workshops administration and the workshops. The use of modern building materials, i.e. metal and asbestos panels with thermal insulation filler, greatly influenced the architectural feature. Alternative designs were submitted; a suspended steel ceiling structure anchored to the ferroconcrete structure of the workshop annex was adopted for the hangar together with an arc-shaped frame structure suspended by means of tension rods anchored into rigid ferroconcrete frames of the workshop building. The stressing was based on statistical evaluation of weater data gathered directly at the airport. Simultaneously, a (1:300) model was built for tests. Vibration tests were carried out on a 1:20 model. The hangar will consist of three units. 1) Each door will move either separately or together with several doors. The floor of the hangar hall will carry pipes for heating. 2) The workshops and the store buildings will have rigid ferroconcrete frames with a centre spacing of 12 m on to which the ceiling will be suspended. The reinforced

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New workshop hangar

Z/040/63/000/001/001/007  
E073/E492

concrete frames will form two naves 18 m deep, the ceilings will be prefabricated from prestressed reinforced concrete elements. 3) Workshops and administrative block will consist of reinforced monolithic columns with an axial spacing of 6 x 6 m. The outside walls are to be made of metal wall panels using as fillers lightweight bricks and slag-concrete blocks. Manipulation area is to be 37.5 m wide along the entire length of the hangar with some sections of it enlarged to a depth of 8.31 m and providing a further 22.5 m for mechanization equipment. This will provide space for three aircraft stands of the size of the IL-18. The manipulation area will be fitted with the required systems for draining gasoline and oil and is designed to carry the equivalent load of 40 tons at a tyre pressure of 12 kg/cm<sup>2</sup>. There are 2 photographs.

Card 5/5

CONK, Vladimir, inz., arch.; HUBACEK, Karel, inz., arch.

A new repair shop at the Praha-Rusyne airport. Letecky obzor 7  
no.1:4-6 Ja '63.

CONK, V., inzh., arch.; WENCL, Z., inzh.; HUBACEK, K., inzh., arch.

Development of the central airplane maintenance service at the  
Ruzyne airport. Letecký obzor 6 no.11:359-361 '62.

NESIC, Branislav; MLAKAR, Jelena; CANKIC, Bogoljub ; VUJIC, Pavle

Aerosol lavage and its comparison with other methods in  
collecting material for the examination of M.tuberculosis.  
Tuberkuloza 15 no.3:376-382 J1-D'63.

1. Institut za tuberkulozu /PV, Sremska Kamenica. Direktor:  
prof.dr. Stevan Goldman.

5

CONKIC, Milica

Studies of the belite cement clinker. Glas Hem dr 28  
no. 1: 37-47 '63.

1. Institute for Chemistry, Technology and Metallurgy,  
Beograd.

CONKIC, Stevan, ing.

Report on the papers of the 1st group: "Analysis of present situation and the prospects of the Five-Year-Plan. Tehnika Jug 17 no.2:296-304 F '62.

1. Visi savetnik u Saveznom zavodu za privredno planiranje, Beograd;  
Urednik i odgovorni urednik, "Masinstvo i elektrotehnika".

(Yugoslavia--Economic policy)

(Yugoslavia--Electrical engineering)

(Yugoslavia--Mechanical engineering)



CONKIC, Stevan, ing.

Metal-processing industry of Yugoslavia. Alm metal ind. 11-44 '60.

1. ~~Vise savetnik~~ ~~Savetnog~~ zavoda za privredno planiranje

COMKIC, Stevan, ing.

Metal-processing industry of Yugoslavia; Alm metal ind. 3-78 '57.

1. Savetnik Saveznog zavoda za privredno planiranje

CONKIC, Stevan, ing.

Mechanization and automatization of economy. Masinogradnja  
1 no.1:13-15 F '58.

CONKIC, Stevan, inž. (Kneza Miloša 20, Beograd)

Industries of metal equipment and consumers' goods. Tehnika  
Jug 17 no.6:1017-1023 Je '62.

1. Visi savetnik u Saveznom savetu za privredno planiranje,  
Beograd.

CONKIC, Stevan, inž. (Beograd, Vuka Karadzica 4)

Present development of metalworking industries, and the 1963 plan. Tehnika Jug:Suppl.:Masinstvo 12 no.1:89-93 Ja '63.

1. Visi savetnik u Saveznom zavodu za privredno planiranje, Beograd, urednik i odgovorni urednik, "Tehnika [Masinstvo]".

CONNERTH, C.; PETRARU-HELLER, C.

Some new contributions to the study of the causes bringing about losses of tannin in the course of vegetable tanning. p. 453.

INDUSTRIA USOARA. (Asociatia Stiintifica a Inginerilor si Technicienilor din Romania si Departamentul Industriei Usoare din Ministerului Industriei Bunurilor de Consum) Bucuresti, Rumania. Vol. 5, no. 12, Dec. 1958.

Monthly List of East European Accessions (EEAI) JIC, Vol. 8, No. 6, June 1959.  
UNCL

GRIGORIU, D., ing.; SCHORR, V., ing.; CENIANU M., ing.; ILEA, M., ing.;  
CONRAD, M., ing.

Influence of working conditions in the disasphalting with propane.  
Petrol si gaze 13 no.10:459-464 0 '62.

GRIGORIU, D.; SCHORR, V.; GEIANU, M.; GONRAD, M.; ILEA, M.

Influence of technological parameters on the disasphalting with propane; laboratory aspects. Petrol si gaze 13 no.7:310-316 JI '62.



CONRAD, M., ing.; IOANESI, N., ing.

Study of viscosity-temperature relations in mineral oils.  
Petrol si gaze 14 no.3:150-159 Ja '63.

CONRADI, G.; KOPANICA, M.

Polarographic examination of the complex-forming properties of the triethylenetetramine-N,N,N',N'',N''',N'''-hexaacetic acid. Coll Cz Chem 28 no.6:1600-1603 Je '63.

1. Analytisches Laboratorium, Polarographisches Institut, Tschechoslowakische Akademie der Wissenschaften, Prag.

CONRADI, G.; KOPANICA, M.

Effect of surface-active substances on the polarographic behavior  
of triethylene-tetramine-N,N,N',N'',N''',N''''-hexaacetic acid complexes.  
Coll Cz chem 29 no.8:1952-1956 Ag '64.

1. Polarographisches Institut, Tschechoslowakische Akademie der  
Wissenschaften, Prague.

RUMANIA/Fitting Out of Laboratories. Instruments.  
Their Theory, Construction, and Use.

F.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 28546  
Author : Consa, G. and Musa, G.  
Inst : Romanian Academy of Sciences.  
Title : A New Type of Ionization Pump.  
Orig Pub : Studii si cercetari fiz Acad RPR 8, No 2, 119-133  
(1957) (in Romanian with Summaries in French and Russian)  
Abstract : The principle of operation and the construction of a  
two-electrode ionization pump are described: the electrodes consist of a resistance wire and a grid; the internal surface of the glass flask serves as the ion collector. The lowest attainable vacuum is  $< 10^{-8}$  mm Hg.

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ROMANIA/Fitting Out of Laboratories. Instruments,  
Their Theory, Construction, and Use.

F.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 2546

The pumping rate is up to 0.27 liters/sec. The pump  
is of simple and sturdy construction and is easily  
degassed.

Card 2/2

3

CONSTACHEL, O., and others

Consumption of O<sub>2</sub> in the spleen of rats irradiated under the protection of AET. p. 139

Academia Republicii Populare Romine. Institutul de Biochimie. STUDII SI CERCETARI  
DI BIOCHIMIE. Bucuresti, Rumania. Vol. 2, no. 2, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 1, no. 2, August 1959.

Uncl.

NICULESCU, G.G. (Roman); COSTACHESCU, G.V.; SACTER, O.; BATINETU, D.M.  
(Bucuresti); CHISALITA, Adrian (Cluj); PIRSIAN, Liviu (Bucuresti);  
GRIGORESCU, Serban I. (Bucuresti); BRATULESCU, I., prof.  
(Constanta); UDRISTE, Constantin, prof. (Bucuresti); CALUGARITA,  
Gh. (Bucuresti); VOICULESCU, Dan (Bucuresti); TEODORESCU, I.  
(Galati); IONESCU-TIU, C.; POPA, Eugen I. (Masi); POPA, H.  
Alexandru (Pucioasa); STAVRE, Petre (Craiova); MUSTA, St. (Oradea)

Proposed problems. Gaz mat B 15 no.7:311-316 J1 '64.

RUMANIA/General and Special Zoology - Insects.

P-6

Abs Jour : Ref Zhur - Biol., No 5, 1958, 20890

Author : C. Constandache, C.

Inst : -

Title : The Problem of the Chalcides (Hymenoptera) in the  
Rumanian People's Republic.

Orig Pub : Commun. Acad. RPR, 1956, 6, No 6, 809-816

Abstract : Descriptions are given of eight species of chalcides,  
parasites of gall wasps (Three species are new in the  
country's fauna).

Card 1/1



1. "Epidemiologic Considerations on the Evolution of Infectious Epidemic Diseases in Rumania During 1952-1953", Association St. S. CICULIU, Dr. S. BIRNBAU, MONTEN AND Dr. A. CACIU, pp 963-974.
2. "Hospital Control of Sexually Transmitted Diseases and the Contribution of the Sanitary and Antibiotic Treatment of Venereal Diseases to the Control of Venereal Diseases in Medical Sciences (Conferences on Venereal Diseases)", Institute of Social and Pathological Epidemiology, Ministry of Health, Bucharest, 1953, pp 1-10.
3. "Contributions to the Study of the Clinical and Pathological Features of Infective Erythema", Dr. P. MIRON and Dr. I. ROMAN, Work performed at the Institute of Pathological Bacteriology and Hygiene, Bucharest, 1953, pp 1-10.
4. "Epidemiologic and Clinical Features of Infective Erythema", Dr. P. MIRON and Dr. I. ROMAN, Work performed at the Institute of Pathological Bacteriology and Hygiene, Bucharest, 1953, pp 1-10.
5. "Epidemiologic Features of Infective Erythema", Dr. P. MIRON and Dr. I. ROMAN, Work performed at the Institute of Pathological Bacteriology and Hygiene, Bucharest, 1953, pp 1-10.
6. "Epidemiologic Features of Infective Erythema", Dr. P. MIRON and Dr. I. ROMAN, Work performed at the Institute of Pathological Bacteriology and Hygiene, Bucharest, 1953, pp 1-10.
7. "Epidemiologic Features of Infective Erythema", Dr. P. MIRON and Dr. I. ROMAN, Work performed at the Institute of Pathological Bacteriology and Hygiene, Bucharest, 1953, pp 1-10.

CONSTANDACHE, P.

NEUMAN, M., Dr.; CONSTANDACHE, D., dr.; RAJULESCU, Laura, dr.

Clinical and therapeutic aspects of acute lung diseases caused by Friedlander bacilli. Med. int., Bucur. 9 no.4:594-596 Apr 57.

1. Lucrare efectuata in Clinica de boli infectioase I.M.F., Bucuresti (prof. M. Voiculescu).

(PNEUMONIA, case reports

Klebsiella pneumoniae infect., acute, pathol. & ther.)

CONSTANDACHI, D.

STREANESCU, Florica; STREANESCU, P.; CONSTANDACHI, D.

Frequency of pathogenic colibacilli in acute digestive disorders during measles. Med. int. Bucur. 9 no.11:1665-1670 Nov 57.

1. Incrare efectuada in Clinica de boli contagioase I.P.S.M. - "Colentina"  
(prof. M. Balu)

(MEASLES, complications

intestinal infect. caused by E.coli, Micrococcus pyogenes  
& Bacillus dysenteriae)

(ESCHERICHIA COLI, infections

intestinal, in measles, incidence)

(GASTROINTESTINAL DISEASES

E. coli, micrococcal & shigella infect. in measles, in-  
cidence)

MITROIU, O.; BARBU, C.; POPA, M., en collaboration avec CONSTANDACHE, D.;  
SFERDEAN, O.; GHETU, V.

Research on anti-adenovirus antibodies during various viral diseases.  
Rev. sci. med. 6 no.1/2:69-72 '61.

(ADENOVIRUS INFECTIONS immunology)  
(VIRUS DISEASES immunology)

GHERMAN, V., ing.; SCHMIDT, Eugen; NUTA, Elena; VILCU, Emil; CONSTANTIN, A., ing.

New buildings in the cities of Rumania. Constr B/c 14 no.649:1 16 Je '62.

1. Directorul Intreprinderii de constructii no.3-Roman a Trustului Regional de Constructii de Locuinte-Bacau (for Gherman).

BELCIU, Ilie; DUMITRU, Vasile, correspondent; CONSTANTIN, A., ing.; GOSAV, Mihai

With the semestral plan carried out. Constr Buc 14 no.650:1 23  
Je '62.

1. Din subredactia voluntara de la Turda (for Belciu).

VOINESCU, A., correspondent; DUMITRASCU, I., correspondent; PAUL, Dumitru, correspondent; CIRSTOIU, Valentin, correspondent; CIULEA, Gh., ing.; CONSTANTIN, Al., correspondent; DUMITRU, Vasile, correspondent; RADU, Romul, ing.; GAVANESCU, G., economist.

The annual plan has been completed. Constr. Buc. 15 no. 729; 1

28 D\*63-1

1. Director, Trustul Regional de Constructii de Locuinte, Banat, (for Ciulea). 2. Director, Trustul Regional de Constructii de Locuinte, Brasov (for Radu).

CONSTANTIN, A., correspondent

New cadres for construction sites. Constr Buc 14 no. 674:  
4 8 December 1962.



CONSTANTIN, ANISOARA

Rumania/Chemical Technology. Chemical Products and Their Application -- Nitrogen  
industry,  
I-3

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5008

Author: Constantin, Aniscara

Institution: None

Title: Calculation of Columns for the Production of Dilute Acid

Original

Publication: Rev. chim., 1956, 7, No 6, 327-336

Abstract: Description of a method for the calculation of packed columns for the production of dilute  $\text{HNO}_3$ ; there are considered, equilibrium, kinetics of the reaction of oxidation of N oxides and the equilibrium in the reaction of nitrogen oxides absorption during the formation of  $\text{HNO}_3$ . An equilibrium curve has been plotted for the given areas of mass transfer.

Card 1/1

CONSTANTIN, Arseni

Clinical and statistical considerations on 5021 cases of hernia of  
lumbar discs. Rumanian M. Rev. 1 no.3:55-57 July-Sept 57.

(INTERVERTIBRAL DISK DISPLACEMENT, statist.  
lumbar, clin. statist.)

CONSTANTIN, Constantin Z.

A method which gave good results. Constr Buc 16 no.754/4  
20 J '64.

1. Chairman of the Sectional Trade-Union Committee, Banasa  
Automobile Base, Equipment and Transportation Enterprise, Bucharest.

CONSTANTIN, Dan, ing.

Answer to the confidence shown by those around you. St si  
Teh Mic 14 no.12:5 D'62.

CONSTANTIN, Dutu

Continuous improvement of the technical and material supplying.  
Probleme econ 16 no.3:152 Mr '63.

1. Director, Uzina de masini-unelte "Infratirea", Oradea.

AUSLANDER, D.; CONSTANTIN, E.; SZOCS, J.

Conductibility modification of electrolyte solutions by ultrasound.  
Studii fiz tehn Iasi 14 no.1:199-202 '63.

AUSLANDER, D.; CONSTANTIN, E.;

Some causes modifying the electric conductibility of  
solutions diluted electrolytically by ultrasound.  
Studii cerc fiz 14 no.6:747-754 '63.

1. Universitatea "Babes-Bolyai", Cluj.

CONSTANTIN, C.

"Common work as the main condition for the strengthening of the associations."

p. 6 (Drumul Belsugului) No. 5, May 1957  
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958



CONSTANTIN, G.

Notes on the work "Studies of socialist economy." Probleme econ  
15 no.5:144-149 My '62.

CONSTANTIN, Gh.; IANTA, Gh.

On the 8th Scientific Session of the Teaching Staff of the Institute  
of Constructions, Bucharest. Probleme econ 16 no.1:153 Ja '63.

CONSTANTIN, I., ing.

Simplification of the technological schemes of crude oil and gas separator batteries, collecting stations, and transfer pipes associated for complex automation purposes. Petrol and gas 13 no.11:494-498 N '62.

BULIGESCU, L., dr., candidat in stiinta medicala; CONSTANTIN, Ileana, dr.;  
FIRICA, A., dr.; MANU, P., dr.; MIRCEA, C., dr.; STANESCU, Eugenia, dr.;  
BARBULESCU, Alexandru, dr.

Considerations on a case of thrombocythemic megakaryocytic myelosis.  
Med. intern. 13 no.10:1421-1424 O '61.

1. Lucrare efectuata in Clinica Medicala "C. Davila".

(BLOOD DISEASES case reports)

23313

R/005/61/000/003/004/004  
D019/D105

9.3230

AUTHOR:

Constantin, Ioan, S., Engineer

TITLE:

On the transfer function for approximating some characteristics of a given amplitude and phase

PERIODICAL:

Telecomunicații, no. 3, 1961, 113-117

TEXT: The article presents a new method of building up the transfer function for the presentation of some frequency characteristics which should come as near as possible to the given characteristics. On a basis of a similar operation, the author also determined the transfer function of a network with maximum linearity for amplitude and phase characteristics obtaining at the same time the generalization of some results. The author first establishes the equation for the determination of the singularities of the transfer function. Considered is a network whose transfer factor is

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$$k(p) = \frac{a_0 + a_1 p + a_2 p^2 + \dots + a_n p^n}{b_0 + b_1 p + b_2 p^2 + \dots + b_m p^m} = C \frac{\prod_{k=1}^n (p - p_k)}{\prod_{j=1}^m (p - p_j)}, \quad (1)$$

in which  $p_k$  is a zero and  $p_j$  a pole. Taking logarithm of the transfer function logarithm, the author obtains

$$F(p) = \ln k(p) = \eta(p) + j\phi(p) = \ln C + \sum_{k=1}^n \ln(p - p_k) - \sum_{j=1}^m \ln(p - p_j). \quad (2)$$

In certain frequency limits the characteristics  $\eta(p)$  and  $\phi(p)$  should be as close as possible to the given frequencies  $\eta_1(p)$  and  $\phi_1(p)$ , i.e. a function having the shape of formula (1) with a certain  $n$  and  $m$ , represented by  $\tilde{k}_1(p)$  and  $\tilde{F}_1(p)$  respectively, should be found which approximates

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the function

$$F_1(p) = \ln k_1(p) = \gamma_1(p) + j\psi_1(p) \quad (3)$$

on a certain section. The approximation used corresponded to the Taylor approximation. For this purpose the functions  $\gamma_1(p)$  and  $\psi_1(p)$  were expanded in a series for  $p = j\omega$  around a central frequency  $\omega_0$ , and then arranged in accordance with the powers of  $\omega$ . A polynomial approximation of  $\omega$  is preferred, due to the fact that  $\gamma_1(j\omega)$  is an even function of  $\omega$ , while  $\psi_1(j\omega)$  an odd one. Hence, in the case of videofrequency amplifiers the Taylor approximation corresponds to a series expansion, the origin of which is about  $\omega_0=0$ , and in the case of broadband radio frequency amplifiers  $\omega_0 \neq 0$ . Starting then with the relations

$$\gamma_1(j\omega) = \sum_{k=0}^{\infty} \alpha_{2k} \omega^{2k} \quad (4)$$

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On the transfer function ....

and

$$\psi_1(j\omega) = \sum_{j=0}^{\infty} \alpha_{2j+1} \omega^{2j+1} \quad (5)$$

and the approximations

$$\tilde{\eta}_1(j\omega) = \sum_{k=0} \alpha_{2k} \omega^{2k} + \epsilon_1(\omega) \quad (6)$$

and

$$\tilde{\psi}_1(j\omega) = \sum_{j=0} \alpha_{2j+1} \omega^{2j+1} + \epsilon_2(\omega), \quad (7)$$

the author derives the relation

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$$\sum_{k=1}^m \left( \frac{-1}{p_k} \right)^q - \sum_{j=1}^m \left( \frac{-1}{p_j} \right)^q = \frac{(-1)^{q-1}}{j^{q(q-1)}!} [\gamma^{(q)}(0) + j \psi^{(q)}(0)] . \quad (14)$$

To facilitate the operation, he uses the notations

$$\mu = - \frac{1}{p} \quad (15) \quad \text{UH}$$

and

$$\sum_{k=1}^m \mu_k^q - \sum_{j=1}^m \mu_j^q = S_q . \quad (16)$$

by which the relation (14) may be written:

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$$s_q = \frac{(-1)^{q-1}}{j^q(q-1)!} [\eta^{(q)}(0) + j\psi^{(q)}(0)] . \quad (17)$$

Since the terms  $s_q$  are known and real, and taking into consideration that  $q = 2t$ , the author derives the relation

$$s_{2t} = \frac{(-1)^{2t-1}}{j^{2t}(2t-1)!} \eta^{(2t)}(0) = \frac{(-1)^{t-1}}{(2t-1)!} \eta^{(2t)}(0) . \quad (18)$$

and, in the case of an odd  $q$ , the relation

$$s_{2t+1} = \frac{(-1)^t}{(2t)!} \psi^{(2t+1)}(0) . \quad (19)$$

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Rather than to solve the system (16) in which  $\mu_k$  and  $\mu_j$  are unknown, while  $s_q$  is real, it is preferable to establish it as an equation of a higher degree with the roots  $\mu_k$  and an equation with the roots  $\mu_j$ . First, the poles are separated from the zeros:

$$\sum_{k=1}^m \mu_k^q = s_q + \gamma_q \quad (20)$$

and

$$\sum_{j=1}^n \mu_j^q = \gamma_q; \quad q = 1, 2, \dots, (m+n). \quad (20')$$

then, to find the unknown values of  $\gamma_q$  an artifice is used, introducing:

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$$m \text{ values } \mu_k = 0 \quad (21)$$

and

$$n \text{ values } \mu_j = 0 \quad (21')$$

finally obtaining:

$$\sigma_q = \sum_{k=1}^{m+n} \mu_k^q = s_q + \gamma_q \quad (22)$$

and

$$\underline{\sigma}_q = \sum_{j=1}^{m+n} \mu_j^q = \gamma_q; \quad q = 1, \dots, (m+n) \quad (22')$$

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Hence, the problem consists in the construction of the equation of the  $(m + n)$  degree, in which the sums of the  $q$  powers of the roots are given according to (22) and (22'). Having established these equations, whose coefficients depend on  $\epsilon_q$  and  $\delta_q$ , the conditions (21) and (21'), may be established by annulling the coefficients of the first powers, according to the multiplicity order of the zero root. The equation for zeros, for instance, is given by

$$\mu^{m+n} - f_1 \mu^{m+n-1} + \dots + (-1)^{m+n} f_{m+n} = E_{m+n}(\mu) = 0 \quad (24).$$

This theory may also be used in the case of transfer functions only with poles. Starting with

$$k(p) = \frac{1}{\prod_{k=1}^m (p - p_k)} = \frac{1}{\sum_{k=0}^m b_k p^k} = \frac{1}{P_m(p)}. \quad (27)$$

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On the transfer function ....

the author determines an M.L.A.P.-type network in accordance with the Braude's conditions obtaining the transfer function

$$P_m(p) = \sum_{k=0}^m \frac{m!}{k!} p^k. \quad (30)$$

Hence, M.L.A.P. networks having transfer functions only with poles may be obtained by the approximation of the desired order from a Taylor expansion of the  $e^p$  function. M.L.A.P.-networks, however, are physically achievable only for  $m \leq 4$ . Modified M.L.A.P.-networks were calculated by Professor Gh. Cartianu (Ref. 1: Hochfrequenztechnik und Elektroakustik, Sept. 1959) by a proper method, but they may also be calculated by the method described above. The author finally determines the Taylor expansion for the logarithmic characteristics of the amplitude as a function of the frequency and phase characteristics. For this purpose it is necessary to determine the values of  $\alpha_k$  as a function of  $a_i$  ( $i = 0 \rightarrow n$ )

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and  $b_j (j = 0 \div m)$ . Determining the expansion for

$$k_1(p) = a_0 + a_1 p + a_2 p^2 + \dots + a_n p^n. \quad (33)$$

and taking into consideration

$$s_k = \begin{vmatrix} a_1 & 1 & 0 & \dots & 0 \\ 2a_2 & a_1 & 1 & \dots & 0 \\ 3a_3 & a_2 & a_1 & \dots & 0 \\ \dots & \dots & \dots & \dots & \dots \\ ka_k & a_{k-1} & \dots & a_1 & \end{vmatrix} \quad (36) \quad \text{41}$$

the value of  $\alpha_k$

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$$\alpha_k = (-1)^q \frac{s_k}{k}; \quad q = \begin{cases} q = \frac{k}{2} - 1 & \text{for } k \text{ even} \\ q = \frac{k-1}{2} & \text{for } k \text{ odd} \end{cases} \quad (37)$$

necessary for the knowledge of the expansions (4) and (5) is obtained.  $\alpha_k$  may also be determined for  $k > m$ . In this case it is necessary to replace  $a_k=0$  for  $k > m$  in the formula (36). Calculations for two special cases, i.e. (1) M.L.A.P.-network with an equal number of zeros and poles and (2) M.L.P.-networks, only with poles, are also included in the article. There are 5 references: 4 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English language publication reads as follows: Peless Yona and T. Murakami: Analysis and synthesis of transitional Butterworth-Thomson filters and bandpass amplifiers, R.C.A.-Review, 8, 1957, no. 1.

Card 12/12



CONSTANTIN, Ioan, correspondent

Club on a floating dock. Constr Buc 15 no.697:1 18 My '63.

CONSTANTIN, M.

An entomophagous insect which destroys the eggs of Liantula discar L. in the Petesti Forest District. p. 108.

ANALELE ROMANA-SOVIETICE. SERIA AGRICULTURA

Vol. 70, no. 3, May 1956

Romania

Source: EAST EUROPEAN LISTS Vol. 5, no. 30 Oct. 1956

S/081/62/000/004/035/087  
B156/B138

AUTHORS: Constantin, Mihai, Simion, Cheorghe

TITLE: Automation trends in petroleum refining

PERIODICAL: Referativnyy-zhurnal. Khimiya, no. 4, 1962, 310, abstract  
41171 (Automat. si electron., v. 5, no. 2, 1961, 57 - 63)

TEXT: Certain problems and trends in the development of automation in the  
petroleum refining industry are set forth (large scale adoption of  
cascade and multiple automatic control systems, and the use of digital  
logging and digital computers). [Abstracter's note: Complete translation.]

Card 1/1

CONSTANTIN, N.

Distributing of publications prepared and edited by the General Direction for Metrology, Standards, and Inventions. p. 403.  
(STANDARIZAREA. Vol. 9, no. 8, Aug. 1957, Rumania)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957  
Uncl.

POPEXCU, Nicolae (Bucuresti); CONSTANTIN, Nita (Bucuresti); BANICA, C.  
(Bucuresti); STOIA, M. (Bucuresti)

Solved problems. Gaz mat fiz 70 no.2:76-78 F '65.

CONSTANTIN, O., ing. corresp.

At the Dej marshaling yard. Constr Buc 17 no.795:1 3 Ap  
'65.

CONSTANTIN, P., ing.

Conference on the economic and technological preparation of young  
electronic and telecommunication engineers. Telecomunicatii 5  
no.3:129-134 My-Je '61.

1. Institutul Politehnic, Bucuresti.

L 2858-66 EWT(d)/FBD/FSS-2/EEC(k)-2/EEB-2/EWA(s) BC  
ACCESSION NR: AP5026375 RU/001/65/009/002/0080/0085

AUTHOR: Constantin, P. (Engineer)

TITLE: Characteristics of transistorized audio-frequency amplifiers with R-C  
coupling in the high frequency region 33 18 25

SOURCE: Automatica si electronica, v. 9, no. 2, 1965, 80-85

TOPIC TAGS: audio frequency amplifier, transistorized amplifier, amplifier design,  
voltage amplifier, current amplifier

ABSTRACT: The author uses the Giacoletto equivalent circuit to analyze the  
characteristics of transistorized audio-frequency amplifiers in the high-frequency  
region. Some calculations at the upper frequency limit are performed for both  
voltage and current amplifiers, and the calculated values are compared to  
experimental results. Orig. art. has 4 figures, 25 formulas, 2 graphs, and 3 tables.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: EC

NO REF SOV: 000  
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OTHER: 003

JPRS



CONSTANTIN, R., coresp.

Fast, good, cheap! Constr Buc 17 no.800:4 8 My '65.

CONSTANTIN, Radu

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1. Presedintele comitetului sindicatului de la Schela de extractie Zemes.

CONSTANTIN, S.; BERNITCHI, M.

Specification of operations by spatial concepts with the aid of speech. Rev psihologie 10 no.3:217-228 '64.

1. Institute of Perfecting the Teaching Staff, Cluj; Branch of the Institute of Pedagogic Sciences, Cluj.

RUMANIA/Microbiology - General Microbiology .

F-1

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67054

Author : Teitel, M., Kern. L., Constantin. St.

Inst : -

Title : The Youmans' Culture Medium with Egg Yolk for Innoculations  
in the Diagnosis of Tuberculosis.

Orig Pub : Ftiziologia, 1957, 6, No 6, 549-553

Abstract : No abstract.

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